Chart of Decimal Equivalents for Common Measures

Common Fractions to Decimals

1/4	=	.250
1/3	=	.333
3/8	=	.375
1/2	=	.500
2/3	=	.666
3/4	=	.750

Teaspoons to Tablespoons

1 t	=	.333 T
2 t	=	.666 T
3 t	=	1.0 T

Ounces (oz) to Pounds (lb)

(16 oz = 1 lb)

1 oz	=	.063 lb
2 oz	=	.125 lb
3 oz	=	.188 lb
4 oz	=	.250 lb
5 oz	=	.313 lb
5 1/3 oz	=	.333 lb
6 oz	=	.375 lb
7 oz	=	.438 lb
8 oz	=	.500 lb
9 oz	=	.563 lb
10 oz	=	.625 lb
10 2/3 oz	=	.666 lb
11 oz	=	.688 lb
12 oz	=	.750 lb
13 oz	=	.813 lb
14 oz	=	.875 lb
15 oz	=	.938 lb
16 oz	=	1.000 lb

Cups (c) to Quarts (qt)

(4 c = 1 qt)

1/4 c	=	.063 qt
1/2 c	=	.125 qt
3/4 c	=	.188 qt
1 c	=	.250 qt
1 1/4 c	=	.313 qt
1 1/3 c	=	.333 qt
1 1/2 c	=	.375 qt
1 3/4 c	=	.438 qt
2 c	=	.500 qt
2 1/4 c	=	.563 qt
2 1/2 c	=	.625 qt
2 2/3 c	=	.666 qt
2 3/4 c	=	.688 qt
3 c	=	.750 qt
3 1/4 c	=	.813 qt
3 1/2 c	=	.875 qt
3 3/4 c	=	.938 qt
4 c	=	1.000 qt

Tablespoons (T) to Cups (c)

1 T	=	.063 c
1 1/3 T	=	.083 c
2 T	=	.125 c
3 T	=	.188 c
4 T	=	.250 c
5 T	=	.313 c
5T 1 t	=	.333 c
6 T	=	.375 c
7 T	=	.438 c
8 T	=	.500 c
9 T	=	.563 c
10 T	=	.625 c
11 T	=	.688 c
12 T	=	.750 c
13 T	=	.813 c
14 T	=	.875 c
15 T	=	.938 c
16 T	=	1.000 c

Quarts (qt) to Gallons (gal)

(16 cups = 4 qt = 1 gal)

1 1/4 qt	=	.313 gal
1 1/3 qt	=	.333 gal
1 1/2 qt	=	.375 gal
1 3/4 qt	=	.438 gal
2 qt	=	.500 gal
2 1/4 qt	=	.563 gal
2 1/2 qt	=	.625 gal
2 2/3 qt	=	.666 gal
2 3/4 qt	=	.688 gal
3 qt	=	.750 gal
3 1/4 qt	=	.813 gal
3 1/2 q	=	.875 gal
3 3/4 qt	=	.938 gal
4 qt	=	1.000 gal

Source: Robinson, Ann, Hankins, Brenda, & Baugh, Cynthia. (2002). *Pieces of the Puzzle – What Child Nutrition Managers Know and Do.* Jackson, MS: Mississippi Department of Education, Child Nutrition Programs.